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July 1944

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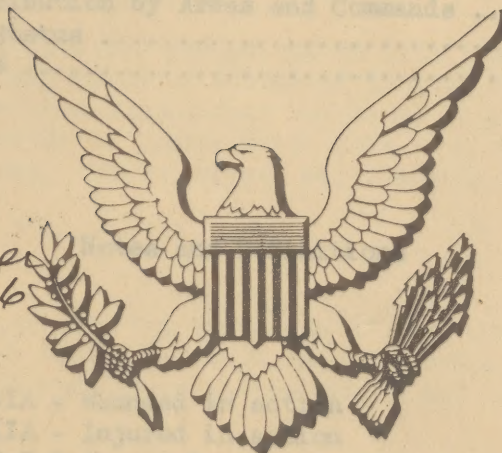
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PROGRESS REPORT ★ SECTION

MEDICAL

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UNITED STATES ARMY
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Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates: This term applies to deaths from all causes among the entire army in the theatre, as distinct from death rates specific for cause, age, risk, and so on.

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HEALTH OF U. S. ARMY TROOPS IN SWPA

July, 1944

1. NONEFFECTIVENESS

The corrected mean daily noneffective rate for the month of June (3.9%) represents a slight rise from that of May (3.6%). Incomplete reports for July indicate that this rise will be continued, apparently to 4.2%. The only significant change in the noneffective rate by cause during the month of June was in that due to battle casualties which increased from 1.5 to 3.7 per thousand per annum. The increase in the overall noneffective rate resulted from decreased evacuations, as noted in the previous monthly Progress Report.

2. ADMISSIONS TO SICK REPORT

The corrected rate for admissions to sick report for June likewise shows a rise over May which is estimated to have continued into July. The July estimates show significant increases in admissions for fevers undiagnosed and for scrub typhus which more than offset the decline in respiratory diseases. The increases were largely in the combat area.

3. DEATHS

The crude death rate for the month of June showed a moderate rise, a decline in deaths from non-battle injuries being offset by an increase in those dying in hospitals of battle wounds and those killed in action.

4. EVACUATIONS

There was a marked increase in the evacuation rate during the month of July, with a corresponding decrease in those boarded and awaiting evacuation. There were 111 air evacuations to the U. S. during the month of July. The percentage of evacuations due to dermatitis for the month of July was six times that for the year 1943. There was also a marked decrease in the percentage of psychoneurosis evacuations, the number being approximately one third that for the year 1943.

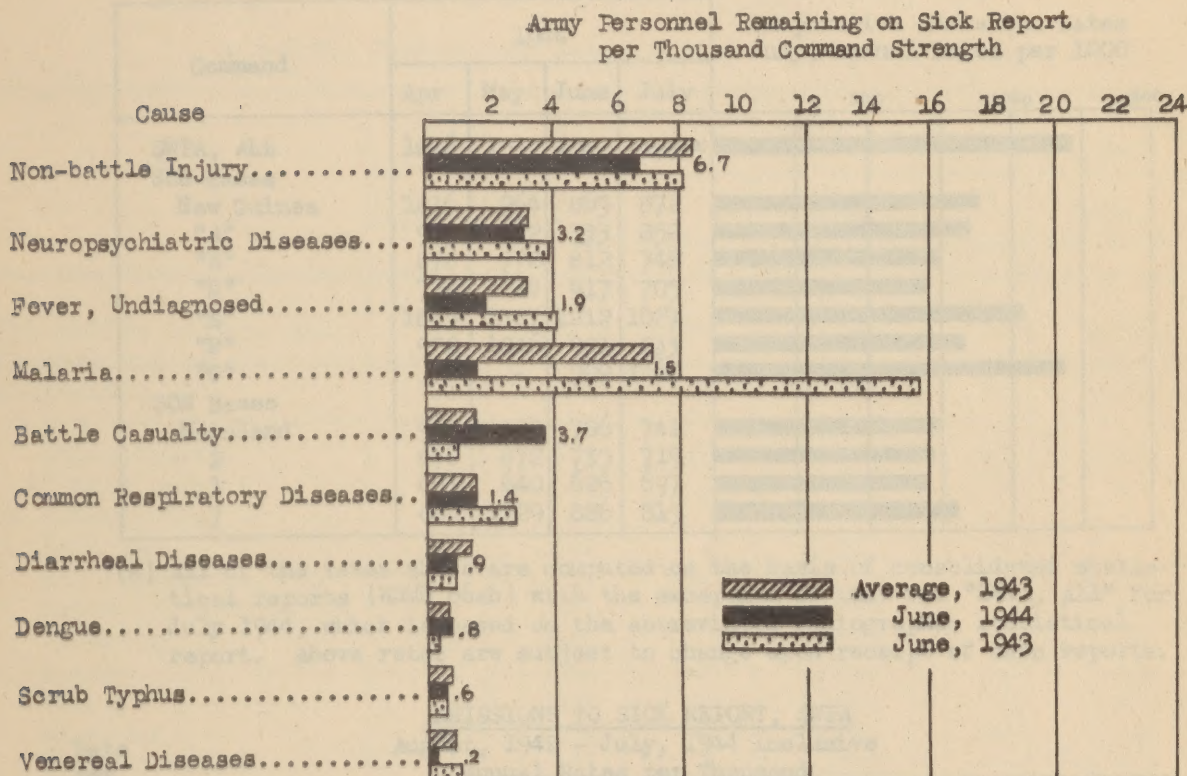
(a) Estimated, in that this rate is based on abbreviated (incomplete) weekly statistical reports.

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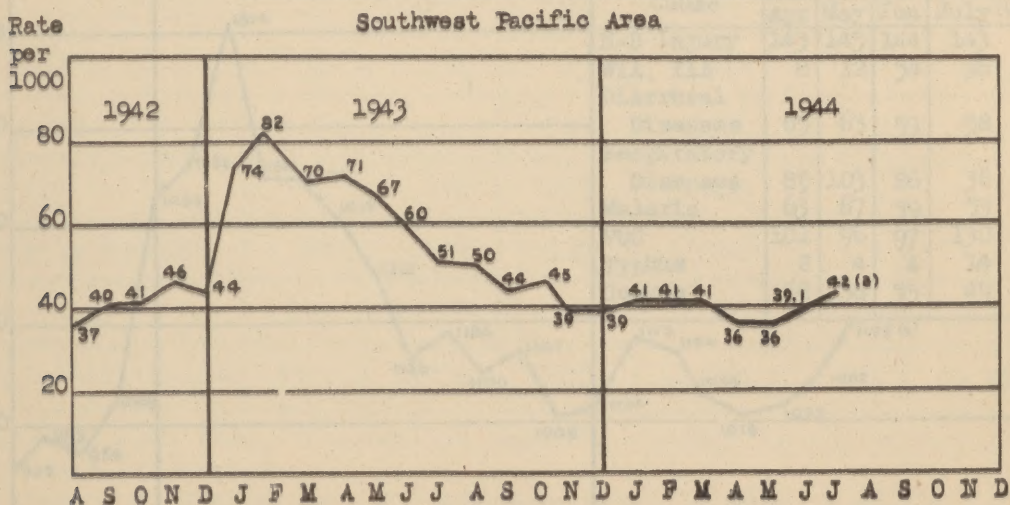
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LEADING CAUSES OF NONEFFECTIVENESS - JUNE, 1944

(Based on Reported Conditions)



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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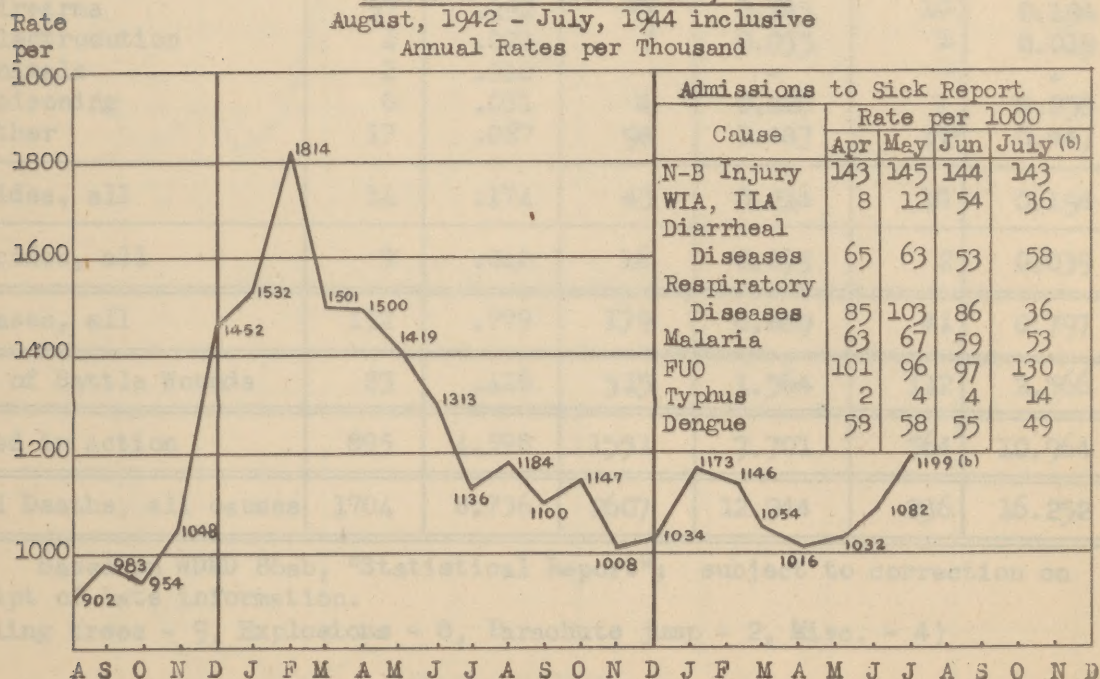
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ADMISSIONS TO SICK REPORT Disease and Non-Battle Injuries Rates per Thousand per Annum

Command	1944				Comparative Admission Rates July, Annual Rates per 1000		
	Apr	May	June	July	500	1000	1500
SWPA, ALL	1016	1032	1082	1199 (a)			
SOS Bases							
New Guinea	1016	964	865	872			
"A"	915	812	733	852			
"B"	870	772	812	748			
"D"	779	1028	917	705			
"E"	1835	1327	1212	1027			
"F"	952	1046	901	833			
"G"	-	-	909	1167			
SOS Bases							
Mainland	935	1130	786	741			
2	840	872	735	719			
3	653	640	626	697			
7	882	1729	886	815			

(a) All of the rates above are computed on the basis of consolidated statistical reports (WDMD 86ab) with the exception of that for "SWPA, All" for July 1944, which is based on the abbreviated radiographic statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA August, 1942 - July, 1944 inclusive Annual Rates per Thousand



(b) Based on abbreviated radiographic statistical report.

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As of: 25 August '44

SECRETDEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru June; and June, 1944

Absolute Numbers and Crude Annual Rates per Thousand

Cause	1943		1944 thru June		June, 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate Per 1000
Non-battle injury, all	574	2.943	562	2.790	99	1.924
Accidents, all	531	2.722	503	2.497	87	1.691
Automobiles	60	.308	62	0.308	13	0.253
Street cars	1	.005	1	0.005	-	-
Motorcycles	4	.021	-	-	-	-
Railroad	12	.062	2	0.010	-	-
Air Transportation	289	1.489	152	0.755	21	0.408
Water Transportation	4	.021	3	0.015	1	0.019
Drowning	46	.236	95	0.472	10	0.194
Burns	14	.072	24	0.119	4	0.078
Falls	15	.077	6	0.030	1	0.019
Firearms	57	.292	49	0.243	10	0.194
Electrocution	4	.021	7	0.035	1	0.019
Animals	2	.010	-	-	-	-
Poisoning	6	.031	4	0.020	3	0.058
Other	17	.087	98	0.487	23*	0.447
Suicides, all	34	.174	43	0.214	10	0.194
Homicides, all	9	.046	16	0.079	2	0.039
Diseases, all	152	.779	179	0.889	41	0.797
Died of Battle Wounds	83	.426	315	1.564	132	2.566
Killed in Action	895	4.598	1551	7.701	564	10.964
Total Deaths, all causes	1704	8.736	2607	12.944	836	16.252

Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

*(Falling trees - 9, Explosions - 8, Parachute jump - 2, Misc. - 4)

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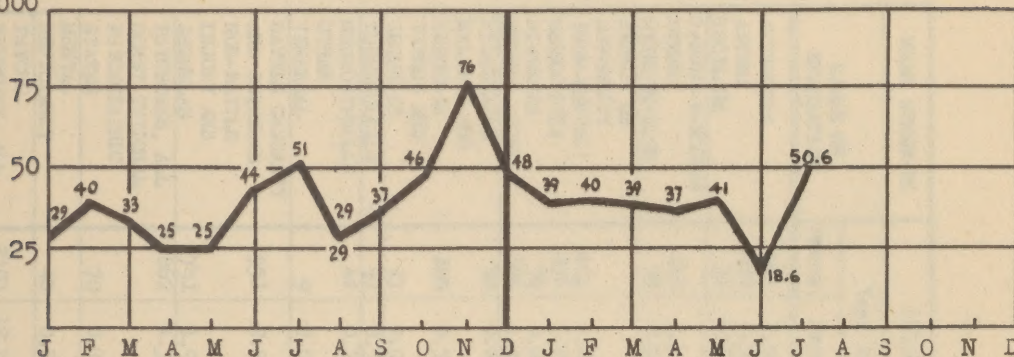
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MEDICAL EVACUATIONS, SWPA TO UNITED STATES

January, 1943 - July, 1944, Inclusive

Rates per Thousand per Annum

Rate
per
1000

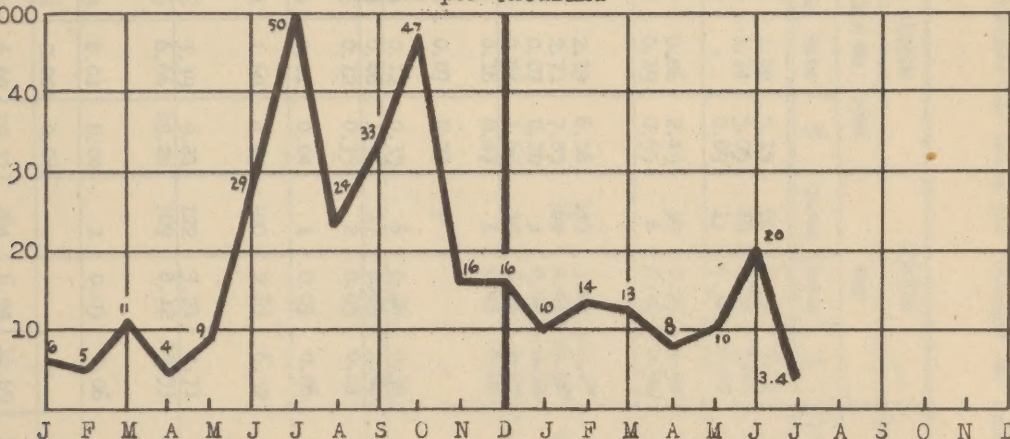


MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES

January, 1943 - July, 1944, Inclusive

Rates per Thousand

Rate
per
1000

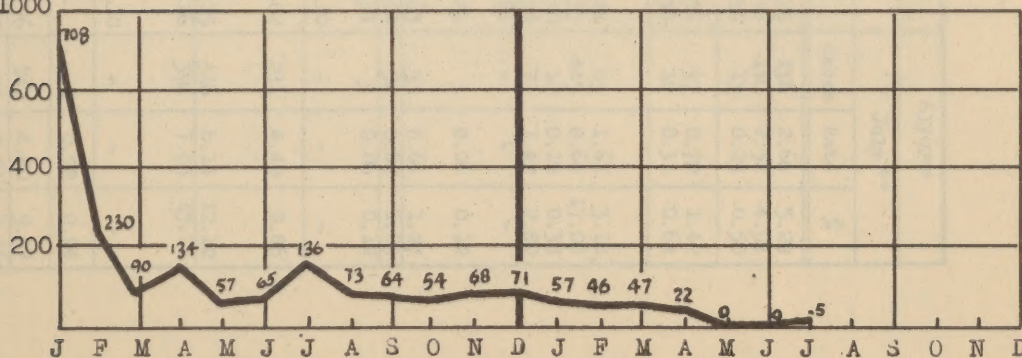


MEDICAL EVACUATIONS, NEW GUINEA TO AUSTRALIA

January, 1943 - July, 1944, Inclusive

Rates per Thousand per Annum^a

Rate
per
1000



(a) Based on Station-List Strengths

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As of: 25 August '44

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MEDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES Absolute Numbers and Rates per Thousand per Annum***

CAUSE OF EVACUATION	191366			410308			456518			534984			617925*		
	Year 1943			1st Six Mo. 1944			May			June			July **		
	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%
ARTHRITIS	493	2.58	5.94	365	1.78	5.15	91	2.39	5.75	58	1.13	6.05	138	2.68	5.29
ASTHMA	480	2.51	5.79	358	1.74	5.05	80	2.10	5.06	40	0.78	4.18	130	2.52	4.98
NEOPLASM	31	0.16	0.37	49	-	0.69	13	0.34	0.82	8	0.16	0.84	13	0.25	0.50
CARDIO-VASCULAR	215	1.12	2.59	177	0.86	2.49	30	0.79	1.90	36	0.70	3.76	37	0.72	1.42
OTHER	59	0.31	0.71	39	0.19	0.55	6	0.16	0.38	13	0.25	1.36	16	0.31	0.61
HYPERTENSION															
DEFECT OR DEFORMITY (NON-MENTAL)	401	2.10	4.83	437	2.13	6.16	130	3.42	8.22	62	1.21	6.47	83	1.61	3.18
DIABETES	236	1.23	2.85	557	2.71	7.85	168	4.42	10.62	107	2.08	11.17	445	8.64	17.06
FEETIC ULCER	38	0.20	0.46	14	0.07	0.20	3	0.08	0.19	1	0.02	0.10	10	0.19	0.38
FILARIASIS	286	1.49	3.45	120	0.58	1.69	30	0.79	1.90	13	0.25	1.36	73	1.42	2.80
MALARIA AND SEQUELAE	38	0.20	0.46	33	0.16	0.47	1	0.03	0.06	2	0.04	0.21	-	-	-
TYPHUS AND SEQUELAE	108	0.56	1.30	15	0.07	0.21	-	-	-	2	0.04	0.21	3	0.06	0.12
TUBERCULOSIS	17	0.09	0.20	25	0.12	0.35	6	0.16	0.38	6	0.12	0.63	33	0.64	1.27
NEUROSYPHILIS	97	0.51	1.17	95	0.46	1.34	17	0.45	1.08	10	0.19	1.04	32	0.62	1.23
OTHER	44	0.23	0.53	25	0.12	0.35	2	0.05	0.13	3	0.06	0.31	3	0.06	0.12
VENEREAL	9	0.05	0.11	3	0.01	0.04	1	0.03	0.06	1	0.02	0.10	-	-	-
BATTLE CASUALTY AND SEQUELAE	551	2.88	6.64	344	1.68	4.85	100	2.63	6.32	73	1.42	7.62	231	4.49	8.86
NON-BATTLE INJURY AND SEQUELAE	751	3.92	9.05	696	3.39	9.81	122	3.21	7.71	97	1.89	10.13	316	6.14	12.12
PSYCHOSES, ALL CONSTITUTIONAL	862	4.50	10.39	1366	6.66	19.26	309	8.12	19.53	127	2.47	13.26	394	7.65	15.11
PSYCHOPATHIC STATES	70	0.37	0.84	3	0.01	0.04	1	0.03	0.06	1	0.02	0.10	-	-	-
MENTAL DEFICIENCY	48	0.25	0.58	1	0.004	0.01	-	-	-	-	-	-	1	0.02	0.04
PSYCHO-NEUROSES, ALL	2303	12.03	27.77	1370	6.68	19.31	264	6.94	16.69	151	2.94	15.76	247	4.80	9.47
EPILEPSY	101	0.53	1.22	99	0.48	1.40	27	0.71	1.71	17	0.33	1.77	38	0.74	1.46
ORGANIC NEUROLOGICAL	122	0.64	1.47	137	0.67	1.93	40	1.05	2.53	31	0.60	3.24	62	1.20	2.38
OTHER CONDITIONS	934	4.88	11.26	766	3.73	10.80	141	3.71	8.91	99	1.92	10.33	303	5.88	11.62
ALL	8294	43.34	100.00	7094	34.58	100.00	1582	41.58	100.00	958	18.62	100.00	2608	50.65	100.00
TOTAL															

*Strength based on abbreviated statistical report.

**199 cases listed on evacuation roster, but not included as Disposition

Boards have not been received.

***Subject to changes upon receipt of late reports.

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As of: 25 August '44

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ANALYSIS OF NEW GUINEA MALARIA ATTACK RATE FOR JULY 1944
(Based on Malaria Case Report Cards, and USAFEE Station List Strength)

Malaria Attack Rates per 1000 per annum by Areas and Commands

AREA	GHQ		USAFEE		ARMY		USASOS		14th AA		PAR EAST AIR FORCE				AREA TOTAL	
	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R
Milne Bay	-	-	13-	31.1	9-	96.2	21-	7.6	3-	7.8	0	0	-	-	0	46-
Oro Bay	-	-	21-	15.3	68-	23.9	85-	45.6	0	0	7	78.0	-	-	7	181
Port Moresby	-	-	-	--	0	0	21	40.6	-	-	14	38.6	-	-	14	35
Laë	-	-	0	0	-	-	63	73.9	4	57.9	11	34.0	-	-	11	78
Nadzab	-	-	-	--	-	-	5	51.2	15	52.1	120	48.1	-	-	120	140
Total E	-	-	0	0	-	-	68	71.1	19	53.2	131	43.7	-	-	131	218
Finnschafer	-	-	0	0	31	12.5	75	23.8	26	27.7	21	21.6	-	-	21	153
Saidor	-	-	0	0	-	-	2	18.5	0	0	16	58.5	-	-	16	18
Total F	-	-	0	0	31	12.5	77	23.6	26	25.9	37	29.7	-	-	37	171
Aitape	-	-	-	-	255	211.6	5	95.5	3	33.6	10	77.3	-	-	10	273
Hollandia	1	*	0	0	160	62.3	112	91.0	15	56.7	54	54.9	-	-	54	341
Total G	1	*	0	0	415	110.0	117	93.5	18	50.9	64	53.9	-	-	64	614
Wakde Island	-	-	0	0	21	106.5	9	71.5	12	118.3	7	16.7	-	-	7	49
Toem	-	-	-	-	71	37.5	16	27.4	18	125.0	1	-	-	-	1	106
Biak	-	-	0	0	209	105.9	28	87.5	4	14.4	64	123.8	-	-	64	305
Noemfoor	-	-	-	-	246	362.0	3	45.2	0	0	3	-	-	-	3	252
Total Geel- vink Bay	-	-	-	-	547	83.0	56	96.1	34	62.7	75	80.2	-	-	75	712
Arawe	-	-	-	-	1	109.5	1	52.6	0	0	0	0	-	-	0	2
C. Gloucester	-	-	-	-	26	18.7	1	14.7	0	0	0	0	-	-	0	27
Total N.B.	-	-	-	-	27	19.9	2	22.9	0	0	0	0	-	-	0	29
Admiralties	-	-	-	-	80	66.9	1	20.9	4	23.0	-	-	9	10.5	9	94
Total	1	42.4	34	18.3	1177	72.4	447	39.4	104	33.7	328	47.9	9	10.5	337	2100
																52.4

Summary:

New Guinea Primary Attack Rate - (C) 1410, (R) 35.1
New Guinea Recurrent Attack " - " 690, " 17.3

2100
52.4

C Total cases
R Rate per 1000 per annum
* Undetermined, as strength
not reported

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As of: 25 August '44

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TABLE I

DISTRIBUTION OF MALARIA CASES BY AREAS FOR JULY 1944

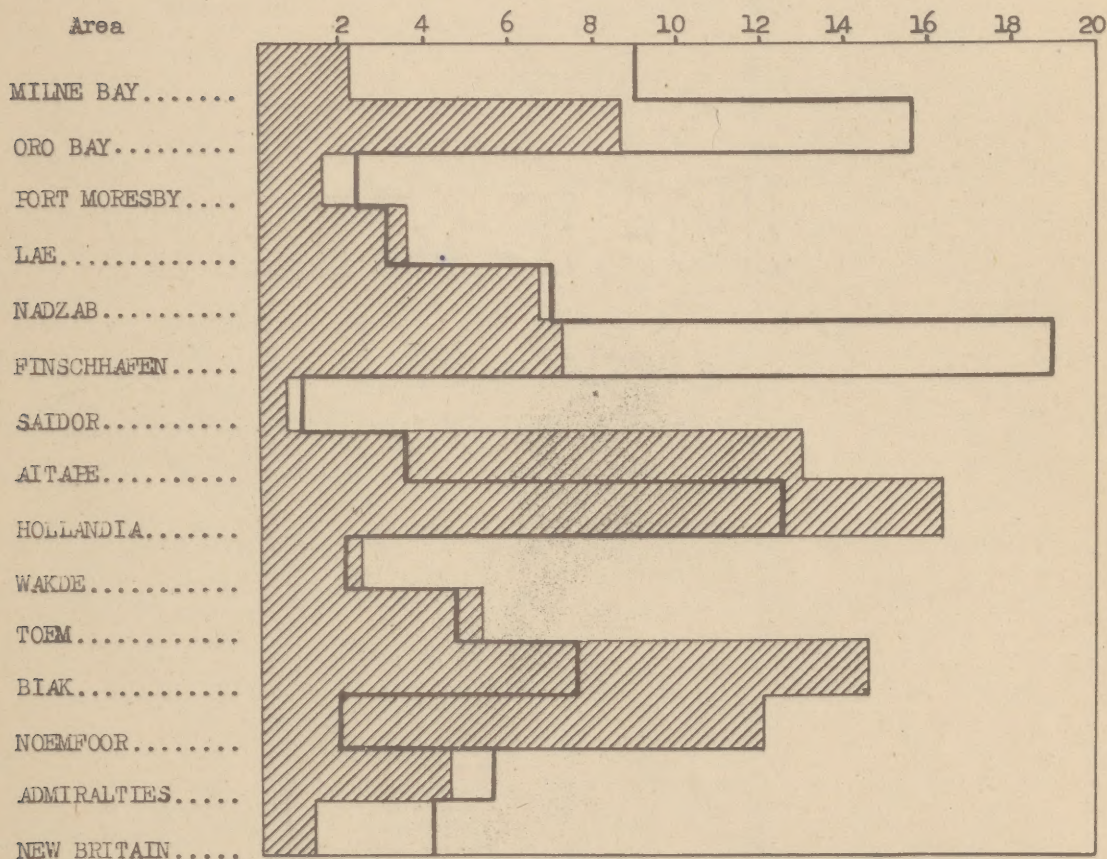
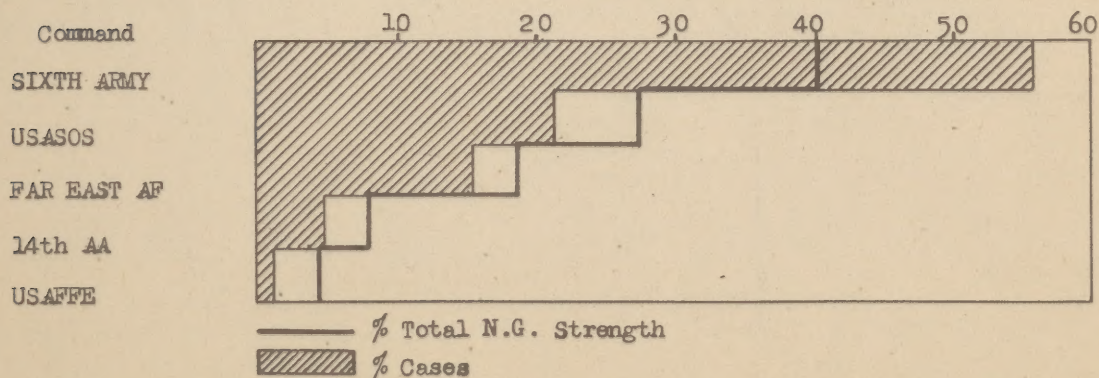


TABLE II

DISTRIBUTION OF MALARIA ATTACKS BY COMMANDS



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As of: 25 August '44

SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Hospital Beds in Theatre		
	Fixed	Mobile	Total
Services of Supply	32450	100 (a)	32550
Fifth Air Force	-	125 (b)	125
Sixth Army	4700 (a)(b)	4175 (b)	8875
14th Corps	1100	750	1850
Total	38250	5150	43400

(a) Attached (b) Assigned

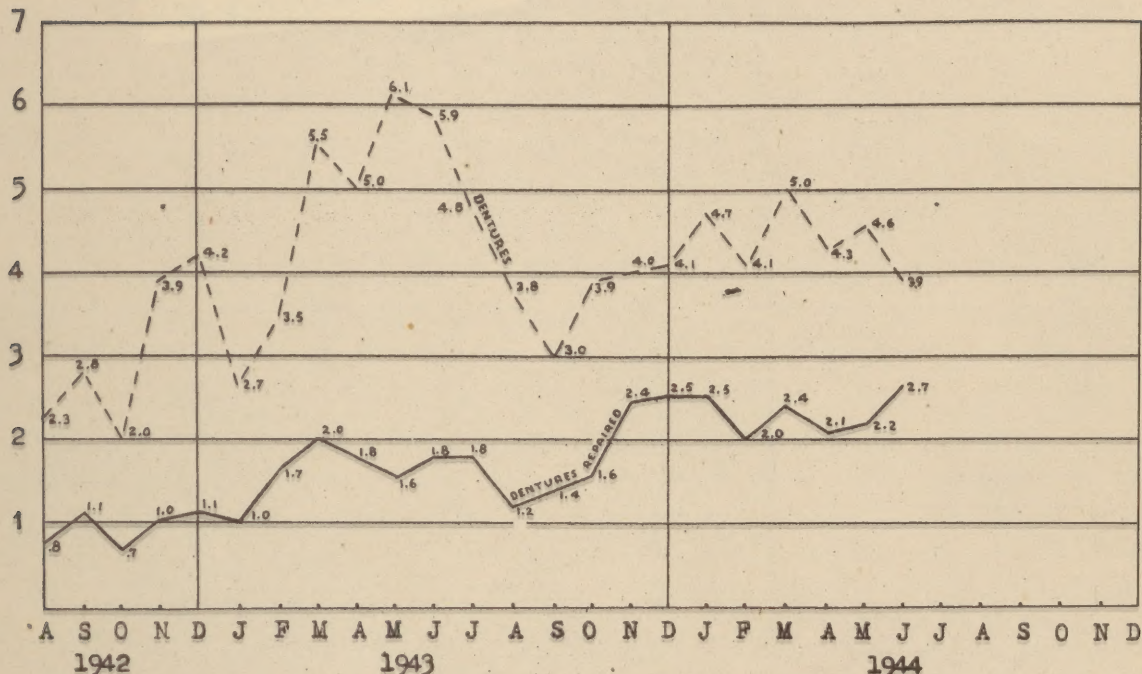
b. SOS Hospital Beds, by Base and by Operating Status

Base	Staging	Under Orders Out of Base	Con-structing	T/O Operating	Beds Occupied	% of Operating T/O Beds Occupied	Under Orders Into Base
7	-	-	-	1100	499	45.36	-
3	150	1000	-	1400	1344	96.0	-
2	-	350	-	1000	434	43.4	-
1	-	-	-	200	102	51.0	-
D	-	1000	-	500	376	75.2	-
A	150	1550	-	4500	3648	81.06	-
B	1000	-	250	1950	2470	126.67	-
E	150	-	-	2600	3075	118.27	-
F	1000	-	-	6700	5213	77.81	-
G	250	-	3900	1550	1265	81.61	-
H	-	-	-	-	-	-	2050
SHIPS	200	-	-	-	-	-	-
WAKDE	-	-	-	-	-	-	1100
AITAE	-	-	-	-	-	-	500
MANUS	-	-	-	-	-	-	250
TOTALS	2900	3900	4150	21500	18426	85.70	3900

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RATES PER 1000 PER MONTH OF NEW DENTURES AND DENTURES REPAIRED - SWPA



Although the rate per thousand per month of new dentures constructed has shown an overall increase from 2.3 in August 1942 to 3.9 in June 1944, the increase has not been constant. Thus, a peak of 6.1 was noted in May 1943 while a rate of only 3.0 was recorded four months later. The figures for the SWPA have generally approximated those for overseas Theaters as reported in Section 7, Monthly Progress Report, Army Service Forces. Comparing these commands, the rates in January 1943 were 2.4 for overseas Theaters as a whole and 2.7 for the SWPA, while the figures were 4.8 and 5.0, respectively, in March 1944. In the SWPA, the percentage of troops wearing dentures has risen from approximately 10% in January to over 15% at the present time.

Of particular significance in the graphs above is the steady rise in the rate of dentures repaired, the rate in June 1944 being more than triple that in August 1942. As experience has shown that dentures among military personnel are easily and frequently broken, it is recognized that potentially all dentures will require repair or re-conditioning periodically, and a continued rise in the repair rate can therefore be expected. Because of these factors, an effort is being made to increase laboratory facilities to insure that the production and repair rates will be maintained or increased as the need arises.

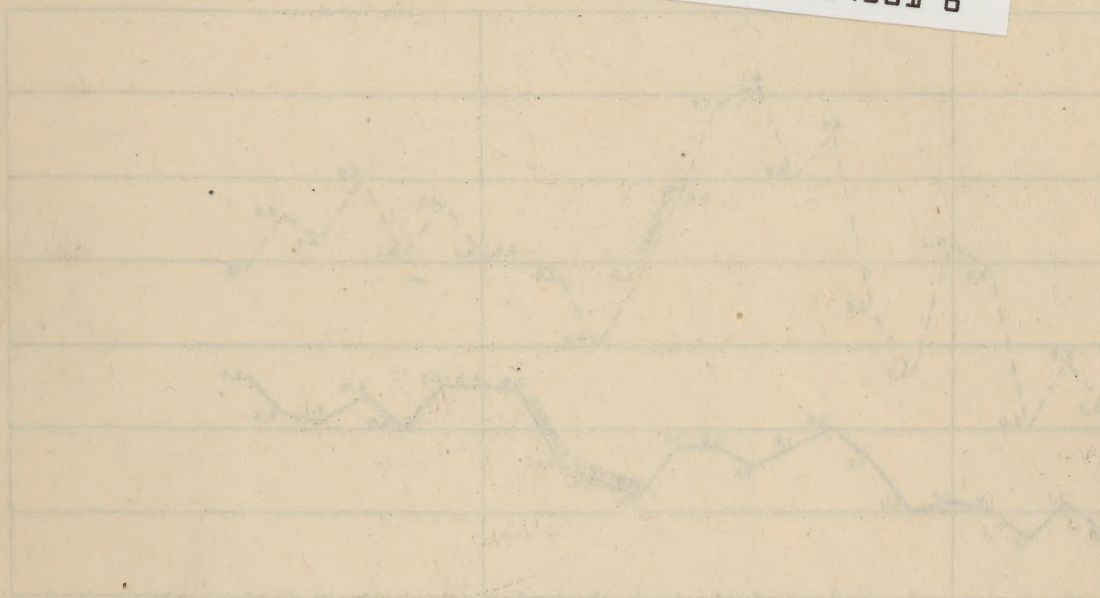
As combat units have only limited TBA Dental Laboratory equipment, which is used primarily to process repairs of dentures actually being worn, the Base and Hospital dental laboratory facilities will continue to assume the responsibility of constructing the bulk of the new dentures.

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1944

1945

1946

Although the rate for the month of January 1946 is shown as an overall increase from 2.5 in January 1945, the increase was not very constant. The rate of 2.5 was reported for the month of January 1945, and the rate for the month of February 1945 was 2.0. The rate for the month of March 1945 was 2.5, and the rate for the month of April 1945 was 2.0. The rate for the month of May 1945 was 2.5, and the rate for the month of June 1945 was 2.0. The rate for the month of July 1945 was 2.5, and the rate for the month of August 1945 was 2.0. The rate for the month of September 1945 was 2.5, and the rate for the month of October 1945 was 2.0. The rate for the month of November 1945 was 2.5, and the rate for the month of December 1945 was 2.0.

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As of: 12/1/46